

University of North Texas College of Science Mathematics Department **MATH 0350** Fall 2022

Instructor Contact Information

Name Ms. Lidia Dattalo **Pronouns** She/Her/Hers Office location **GAB 452**

On-campus office hours

Tues./Thurs. 2:00-3:30 pm, Wed. 11:30 am - 12 pm, Fri. 1 - 2:00 pm

Email Address lidia.dattalo@unt.edu

> When sending an email (using UNT email address), include course name, number and section, along with your full name in the subject header. Email without this information may not get opened. A response will be sent in a timely manner, but may occasionally take up to two (2) business days.

Course Information

Course Title Beginning Algebra Course Number MATH 0350

Course Section 010

Class meeting time Mon/Wed. 2-3:20 pm in building ENV 391

Course Description The course supports students in developing skills, strategies, and reasoning needed to

> succeed in mathematics, including communication and appropriate use of technology. Topics include the study of numeracy and the real number system; algebraic concepts, notation, and reasoning; quantitative relationships; mathematical models; and problem

solving.

Course Pre-requisites Appropriate score on a mathematics placement test.

Course Objectives Upon successful completion of this course, students will:

- 1. Use appropriate symbolic notation and vocabulary to communicate, interpret, and explain mathematical concepts.
- 2. Define, represent, and perform operations on real numbers, applying numeric reasoning to investigate and describe quantitative relationships and solve real world problems in a variety of contexts.
- 3. Use algebraic reasoning to solve problems that require ratios, rates, percentages, and proportions in a variety of contexts using multiple representations.
- 4. Apply algebraic reasoning to manipulate expressions and equations to solve real world problems.
- 5. Use graphs, tables, and technology to analyze, interpret, and compare data sets.
- Construct and use mathematical models in verbal, algebraic, graphical, and tabular form to solve problems from a variety of contexts and to make predictions and decisions.

Course Structure This is a 16-week course that meets face-to-face in a classroom two times a week. The

course will cover 7 modules and you will be assessed by completing 4 exams, 3 quizzes and

a cumulative final exam.

Course Outline View the Course Calendar for specific topics and dates.

Course Materials Pearson's MyLabs and Mastering (MLM). MLM is an online course delivery platform

accessed from UNT's Canvas Learning Management System at:

https://unt.instructure.com. MLM access will include eText *Developmental Mathematics*, fourth edition by Elayn Martin-Gay. MLM provides a no-cost temporary 14-day access.

MLM course content includes eText, homework and additional resources.

You **must** choose either Option 1 or Option 2 from below:

• Option 1: Stand-Alone MLM 18-week Access Code

ISBN: 9780135910757

• Option 2: MLM 18-week Access Code + Loose-Leaf Textbook

ISBN: 9780135994689

Calculator policy Basic 4-function calculators will be allowed on some exams and quizzes. The University will

be providing all MATH 350 students with calculators this semester.

Teaching Philosophy As individuals, we bring different points of view, experiences and gifts/talents to the

classroom, which means we can learn from each other. My goal is to encourage students and build up their math confidence, help emphasize the importance of organization (whether it is taking notes, studying or time-management) and instill in them a desire to be

urious.

Course Technology & Skills

Minimum Technology Requirements

- Access to a Computer
- Reliable internet access
- <u>Canvas Technical Requirements</u> (https://clear.unt.edu/supportedtechnologies/canvas/requirements)
- MyLab Technical Requirements
 (https://mlm.pearson.com/northamerica/students/support/system-requirements/index.html)

Computer Skills & Digital Literacy

- Using Canvas
- Using email with attachments
- Scanning documents and saving as PDF

Online Course System

The University is committed to providing a reliable online course system to all users. However, part of working in the online environment involves dealing with the inconveniences and frustration that can arise when technology breaks down or does not perform as expected. Here at UNT we have a Student Help Desk that you can contact for help with Canvas or other technology issues.

UIT Help Desk **UIT Help Desk**

http://www.unt.edu/helpdesk/index.htm

Email helpdesk@unt.edu

Phone 940.565.2324

Phone hours Sunday: noon – midnight

Monday-Thursday: 8am-midnight

Friday: 8am-8pm Saturday: 9am-5pm

In Person Sage Hall, Room 130

Walk-In Availability 8am - 9pm **Laptop Checkout** 8am-7pm

Canvas technical For additional support, visit Canvas Technical Help

requirements (https://community.canvaslms.com/docs/DOC-10554-4212710328)

Assessment & Grading

Assignment	Percentage of Final Grade
Activities	2%
 Introduce Yourself 	
Syllabus Quiz	
EdReady	3%
Module 1 Quiz – Order of Operations & Fractions	5%
Module 2 Exam – Integers & Expressions	12.5%
Module 3 Exam – Solving Equations	12.5%
Module 4 Quiz – Applications	5%
Module 5 Exam – Graphing	12.5%
Module 6 Exam – Exponents	12.5%
Module 7 Quiz – Factoring	5%
MyLabs Homework	15%
 There will be 38 assignments online 	
 Three of the lowest assignments will be dropped 	
Cumulative Final Exam	15%

Note: Any submitted work will be graded and returned within 7 - 10 days.

Assessment

The learning outcomes will be assessed through Homework/Class Activities, Quizzes and Exams. The final grade will be based on the following:

- Activities/EdReady 5%
- Homework 15%
- Quizzes 15%
- Exams 50%
- Final Exam 15%

Evaluation Procedures

Your course grade will be determined by the following:

- A = 90 100%
- B = 80 89%
- C = 70 79%
- NP = 0 69%

Exams and Assignments

Activities

Student activities may be completed during class time and will require active participation, while some activities may be completed outside of class time.

EdReady

The grade will be determined by the amount of time spent working in the EdReady Program and will be as follows:

- 100% = 300+ minutes
- 90% = 270 299 minutes
- 80% = 240 269 minutes
- 70% = 210 239 minutes
- 60% = 180 209 minutes
- 50% = 150 179 minutes
- 40% = 120 149 minutes
- 30% = 90 119 minutes
 20% = 60 89 minutes
- 10% = 30 59 minutes
- 0% = less than 30 minutes

Homework

Homework will be given regularly. Although the homework will be presented electronically through Canvas and MLM, working through the material on paper is <u>essential for learning and developing the math skills</u> that are the objectives of this course. The three (3) lowest homework grades will be dropped at the end of the semester.

Quizzes

There will be three (3) quizzes given during the semester.

Exams

There will be four (4) exams given during the semester. There are no retakes on exams.

Final Exam

The Final Exam is comprehensive and will test the student's math skills on all content covered throughout the entire semester. This exam will be taken during the last week of classes at the time specified in the official Final Exam Schedule.

Important Dates

Date	Importance of date
Aug 29	Classes Begin
Sept 5	Labor Day (no classes)
Nov 18	Last day for a student to drop a course with a W.
Nov 21	Beginning this date, a student who qualifies may request an Incomplete, with a grade of I.
Nov 23 – 25	Thanksgiving Break (University closed)
Dec 7-8	Pre-Finals Days
Dec 8	Last Regular Class Meeting
Dec 9	Reading Day (no classes)
Dec 10-16	Final Exams

Course Policies

Classroom Etiquette

Appropriate behavior (in-person and online) is expected of all students taking this course. Arrive to class promptly and do not leave until the scheduled ending time of the class. Put away all non-medical electronic devices such as cell phones, ear buds, headphones, etc.... while in class, as these are distractions. Do not work on homework or unrelated assignments during class.

Assignment Policy

- Please maintain a separate notebook for doing homework problems. Make sure to write down what section the problem is from and work out the problem showing all of your steps.
- Even though MyLab and Mastering (MLM) may not require you to show all the steps in your work, I want to emphasize that you to still need to do ALL of the steps. At times, MLM only requires a final answer, which will be frustrating for some of you because you cannot receive partial credit for correct work.
- Assignments posted in MLM will become available as we cover the material in
- The due dates for the MLM assignments will be posted in MyLab.
- o Check MLM each day to be sure that you are keeping up with assignments and due dates.
- You have three (3) attempts per problem-type for each online problem in MLM. Using the "Help Me Solve It" feature uses one attempt.
- If you do not receive full-credit for a problem, you may attempt the problem again by clicking the "Similar Exercise" button. This allows you the ability to earn a 100% on every assignment.

Exam Policy

There will be four (4) exams during the semester. Keep a record of all your scores. Be sure to review your exam once it has been reviewed by the instructor and officially graded. Each exam is 12.5% of the course.

Late work Policy

A grade of zero will be assigned to any homework assignment not completed online and submitted by the due date and time.

Exam Etiquette

- Place all papers, textbooks, notes, etc. in a backpack or a book bag and close it securely.
- Turn off/remove all electronic devices (unless medically necessary), this includes cell phones, headphones, laptops, smartwatches, etc.
- Handling of ANY such electronic devices during an exam will be construed as cheating (receiving unauthorized aid) and may result in a zero for that exam.
- Do <u>not</u> wear hats or caps with brims during exams.
- Do not share any materials during an exam. This includes, but is not limited to pencils, erasers, calculators, etc.
- Only approved calculators during some exams. It is your responsibility to know how to work the calculator you bring to the test.
- Have only the exam, pencil(s), eraser and occasionally a calculator or a straightedge out during an exam. There will be space to show work on the actual exam.
- You will <u>not</u> be permitted to have any of your own scratch paper during an exam.

Make-up Exam Policy

An exam may be taken prior to the scheduled date. I request a week's notice for this accommodation via email. In the event of a schedule conflict with a university function, dental/physician's appointment, wedding, formal, or whatever, the student must take the test early. If a student does not take a scheduled exam, a zero will be recorded for that exam and a notice may be sent through the registrar's office. If your final exam score is higher than one of your module exam scores, then that module exam grade will be replaced with final exam grade. If you miss a module exam, a zero will be recorded for that exam grade and your final exam score will replace that one zero. If you receive a zero for academic dishonesty on an exam, the final exam score will NOT replace that zero.

Attendance Policy

Students are expected to attend class meetings regularly and to abide by the attendance policy established for the course. It is important that you communicate with the professor prior to being absent, so you and the professor can discuss and mitigate the impact of the absence on your attainment of course learning goals. Please inform the professor if you are unable to attend class meetings because you are ill, in mindfulness of the health and safety of everyone in our community.

Class Participation

Participation is a required part of this course. This class is designed to be active and interactive. Much of what you will learn will evolve from in-class lecture, activities and discussions.

Instructor Responsibility and Feedback

Responsibility – As my role as the instructor of the course, I feel my responsibility is to help students grow in their math confidence; instill good study habits; provide math content in a clear and organized manner; answer questions about topics, assignments and expectations; direct students to additional campus resources as necessary;

Feedback – In regards to emails, I plan to respond within 24-48 hours. In regards to returning exams/quizzes with grades, I plan to have it returned within 7-10 days.

Syllabus Change Policy

I do reserve the right to amend, append or otherwise make changes to this syllabus should the need arise. Any such change will first be discussed with the students and then announced in class.

Welcome to UNT!

As members of the UNT community, we have all made a commitment to be part of an institution that respects and values the identities of the students and employees with whom we interact. UNT does not tolerate identity-based discrimination, harassment, and retaliation. UNT's full Non-Discrimination Policy can be found in the UNT Policies section of the syllabus.

UNT Policies

Rules of Engagement

Rules of engagement refer to the way students are expected to interact with each other and with their instructors. Here are some general guidelines:

- While the freedom to express yourself is a fundamental human right, any communication that utilizes cruel and derogatory language on the basis of race, color, national origin, religion, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, veteran status, or any other characteristic protected under applicable federal or state law will not be tolerated.
- Treat your instructor and classmates with respect in any communication online or face-to-face, even when their opinion differs from your own.
- Ask for and use the correct name and pronouns for your instructor and classmates.
- Speak from personal experiences. Use "I" statements to share thoughts and feelings. Try not to speak on behalf of groups or other individual's experiences.
- Use your critical thinking skills to challenge other people's ideas, instead of attacking individuals.
- Avoid using all caps while communicating digitally. This may be interpreted as "YELLING!"
- Be cautious when using humor or sarcasm in emails or discussion posts as tone can be difficult to interpret digitally.
- Avoid using "text-talk" unless explicitly permitted by your instructor.
- Proofread and fact-check your sources.
- Keep in mind that online posts can be permanent, so think first before you

See these Engagement Guidelines (https://clear.unt.edu/online-communication-tips) for more information.

Academic Integrity Policy

According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University.

Prohibition of Discrimination, Harassment, and Retaliation (Policy 16.004)

The University of North Texas (UNT) prohibits discrimination and harassment because of race, color, national origin, religion, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, veteran status, or any other characteristic protected under applicable federal or state law in its application and admission processes; educational programs and activities; employment policies, procedures, and processes; and university facilities. The University takes active measures to prevent such conduct and investigates and takes remedial action when appropriate.

ADA Policy

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of reasonable accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the ODA website (https://disability.unt.edu/).

Drop/Withdrawal Policy

If a student is unable to complete this course, it is his/her responsibility to formally withdraw from the course. Students may drop a course before the 12th day of class from their student portal on my.unt.edu (and depending on the date, may be eligible for at least a partial refund). After the 12th day of class, students may drop a course by completing the *Request to Drop* form at

https://registrar.unt.edu/sites/default/files/drop_request_fillable_1.pdf_ The last date to withdraw from all of your classes is **November 18**. If the student does not properly withdraw from the course but stops attending, s/he will receive a performance grade, usually an NP.

If you are considering dropping, it is strongly recommended that you discuss the matter with me as soon as possible. Changes to the University's policy may affect this. Please contact the Registrar for further questions.

Emergency Notification and Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Canvas for contingency plans for covering course materials.

Retention of Student Records

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Canvas, including grading information and comments, is also stored in a safe electronic environment for one year. Students have the right to view their individual record; however, information about student's records will not be divulged to other individuals without proper written consent. Students are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the University's policy. See UNT Policy 10.10, Records Management and Retention for additional information.

Acceptable Student **Behavior**

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The University's expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. Visit UNT's Code of Student Conduct (https://deanofstudents.unt.edu/conduct) to learn more.

Access to Information

Students' access point for business and academic services at UNT is located at: my.unt.edu. All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail Eagle Connect (https://it.unt.edu/eagleconnect).

Survivor Advocacy

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct. Federal laws and UNT policies prohibit discrimination on the basis of sex as well as sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking and/or sexual assault, there are campus resources available to provide support and assistance. The Survivor Advocates can be reached at SurvivorAdvocate@unt.edu or by calling the Dean of Students Office at 940-565-2648.

Student Perceptions of Teaching (SPOT)

Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The survey will be made available during weeks 13, 14 and 15 of the long semesters to provide students with an opportunity to evaluate how this course is taught. Students will receive an email from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Students should look for the email in their UNT email inbox. Simply click on the link and complete the survey. Once students complete the survey they will receive a confirmation email that the survey has been submitted. For additional information, please visit the SPOT website (http://spot.unt.edu/) or email spot@unt.edu.

Class Recordings & Student Likenesses

Synchronous (live) sessions in this course may be recorded for students enrolled in this class section to refer to throughout the semester. Class recordings are the intellectual property of the university or instructor and are reserved for use only by students in this class and only for educational purposes. Students may not post or otherwise share the recordings outside the class, or outside the Canvas Learning Management System, in any form. Failing to follow this restriction is a violation of the UNT Code of Student Conduct and could lead to disciplinary action.

Use of Student Work

A student owns the copyright for all work (e.g. software, photographs, reports, presentations, and email postings) he or she creates within a class and the University is not entitled to use any student work without the student's permission unless all of the following criteria are met:

- The work is used only once.
- The work is not used in its entirety.
- Use of the work does not affect any potential profits from the work.
- The student is not identified.
- The work is identified as student work.

If the use of the work does not meet all of the above criteria, then the University office or department using the work must obtain the student's written permission.

Academic Support & Student Services

Mental Health

UNT provides mental health resources to students to help ensure there are numerous outlets to turn to that wholeheartedly care for and are there for students in need, regardless of the nature of an issue or its severity. Listed below are several resources on campus that can support your academic success and mental well-being:

- Student Health and Wellness Center (https://studentaffairs.unt.edu/student-health-and-wellness-center)
- <u>Counseling and Testing Services</u> (https://studentaffairs.unt.edu/counseling-and-testing-services)
- UNT Care Team (https://studentaffairs.unt.edu/care)
- <u>UNT Psychiatric Services</u> (https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry)
- <u>Individual Counseling</u> (https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling)

Chosen Names

A chosen name is a name that a person goes by that may or may not match their legal name. If you have a chosen name that is different from your legal name and would like that to be used in class, please let the instructor know. Below is a list of resources for updating your chosen name at UNT.

- UNT Records
- UNT ID Card
- UNT Email Address
- Legal Name

*UNT euIDs cannot be changed at this time. The collaborating offices are working on a process to make this option accessible to UNT community members.

Pronouns

Pronouns (she/her, they/them, he/him, etc.) are a public way for people to address you, much like your name, and can be shared with a name when making an introduction, both virtually and in-person. Just as we ask and don't assume someone's name, we should also ask and not assume someone's pronouns.

You can <u>add your pronouns to your Canvas account</u> so that they follow your name when posting to discussion boards, submitting assignments, etc.

Below is a list of additional resources regarding pronouns and their usage:

- o What are pronouns and why are they important?
- o How do I use pronouns?
- o How do I share my pronouns?
- o How do I ask for another person's pronouns?
- o How do I correct myself or others when the wrong pronoun is used?

Additional Student Support Services

Registrar (https://registrar.unt.edu/registration)

- Financial Aid (https://financialaid.unt.edu)
- Student Legal Services (https://studentaffairs.unt.edu/student-legal-services)
- <u>Career Center</u> (https://careercenter.unt.edu)
- Multicultural Center (https://idea.unt.edu/multicultural-center)
- Counseling and Testing Services (https://studentaffairs.unt.edu/counseling-and-testing-services)
- Pride Alliance (https://idea.unt.edu/pridealliance)
- UNT Food Pantry (https://studentaffairs.unt.edu/food-pantry)

Academic Support Services

- Academic Resource Center (https://clear.unt.edu/canvas/student-resources)
- Academic Success Center (https://success.unt.edu/asc)
- <u>UNT Libraries</u> (https://library.unt.edu)
- Writing Center (https://writingcenter.unt.edu)
- Math Lab (https://learningcenter.unt.edu/math-lab)

MATH 0350-010 Course Calendar - Fall 2022

NOTE: The instructor reserves the right to change this calendar as necessary throughout the semester. It is the student's responsibility to be aware of any changes announced in class even if not present.

Week	Monday	Wednesday
1	08/29/22	08/31/22
	M1A - Order of Operations – Whole numbers M1B - Simplifying Fractions	M1C - Mult & Div Fractions M1D - Add & Sub Fractions with like denominators M1E - Add & Sub Fractions with unlike denominators
2	09/05/22	09/07/22
	Labor Day	M1F - Mixed Numbers and Improper Fractions M1G - Order of Operations – Fractions
3	09/12/22	09/14/22
	M1 Quiz	M2A - Integers M2B - Order of Operations – Integers M2C - Properties of Real Numbers
4	09/19/22	09/21/22
	M2C - Properties of Real Numbers M2D - Evaluating Expressions M2E - Simplifying Algebraic Expressions	M2 Exam
5	09/26/22	09/28/22
	M3A - Solve equations – Addition Property M3B - Solve equations – Multiplication Property	M3C - Solving more equations M3D - Literal equations M3E – Linear inequalities
6	M3C - Solving more equations 10/03/22	10/05/22
	M3 Exam	M4A - Applications (Linear) M4B - Applications (Proportion & Percent)

7	10/10/22	10/12/22
	M4C - Applications (Sales tax, commission, and Discount)	
	M4D - Applications involving inequalities	M4 Quiz
8	10/17/22	10/19/22
	M5A - Intro to Graphing	M5B – Slope
	M5B – Slope	M5C - Slope Intercept Form M5D - Intercept form
9	10/24/22	10/26/22
	M5D - Intercept form M5E - Equation of lines M5F - Application of two variables	M5 Exam
10	10/31/22	11/02/22
	M6A – Exponents	M6A – Exponents M6B - Negative Exponents & Scientific Notation
11	11/07/22	11/09/22
	M6C - Introduction to Polynomials M6D - Multiplying Polynomials	M6D - Multiplying Polynomials M6E - Special Products M6F - Dividing Polynomials
12	11/14/22	11/16/22
	M6 Exam	M7A - Introduction to Factoring M7B – Factor by Grouping
13	11/21/22	11/23/22
	M7C - Factoring Trinomials of the form $ax^2 + bx + c$ by Grouping M7D - Factoring Trinomials	Thanksgiving
14	11/28/22	11/30/22
	M7D - Factoring Trinomials	
	M7E - Factor Special Patterns	M7 Quiz
15	12/05/22	12/07/22
	Review Session	Review Session
16	12/12/22	12/14/22
	FINAL EXAM 1:30 – 3:30 pm	Finals Week